GENESIS + HOSPITALITY TV
USERS MANUAL

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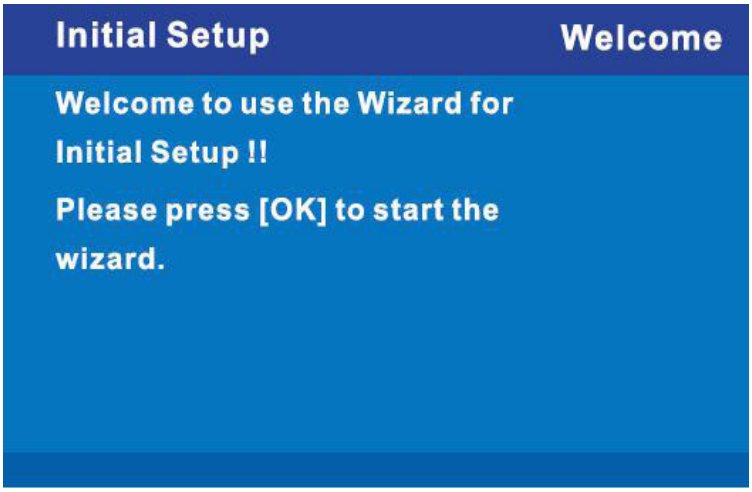
REMOTE CONTROL

ON	Power On
OFF	Power Off
Guide	Displays Channel Guide
Scan	Initiate a Channel Scan
Source	Select TV Signal Input Source
ATSC/NTSC	Select Cable or Antenna TV Signal
CC	Display Closed Captioning
Lang	Display Language for Audio Playback
Freeze	Freeze TV Action, Digital Mode Only
List	Display Channel List for Digital TV
Favorite	Select or Display Favorite Channel
Format	Select Picture Format
VOLUME ▲ ▼	Adjust Volume Up or Down
Menu	Display On-Screen Menu
CHANNEL	Scroll Up or Down the Channel Numbers
Exit	Clears On-Screen Menu Display
Select	Selects an Option or Sub-menu
0 - 9	Select Channels by Entering Numbers
Mute	Toggles the Volume Off and On
Jump	Goes Back to the Previous Channel
Sleep	Set Time for the TV to Play Before it Turns Off
Info	Displays Current Signal Source
Display	Displays Current Signal Source and TV Version Number
Dash	Displays Digital Sub-Channels
Press Menu to Exit the On-Screen Menu	

TV SETUP WIZARD

Note: Commands shown in the setup wizard may not match the button labels on your remote control. This document shows remote button names in bold text along with the screen commands. **Select** [OK] means that you should press the **Select** button to initiate the OK function.



Power on the TV, the Initial Setup window displays a welcome message on your TV screen.

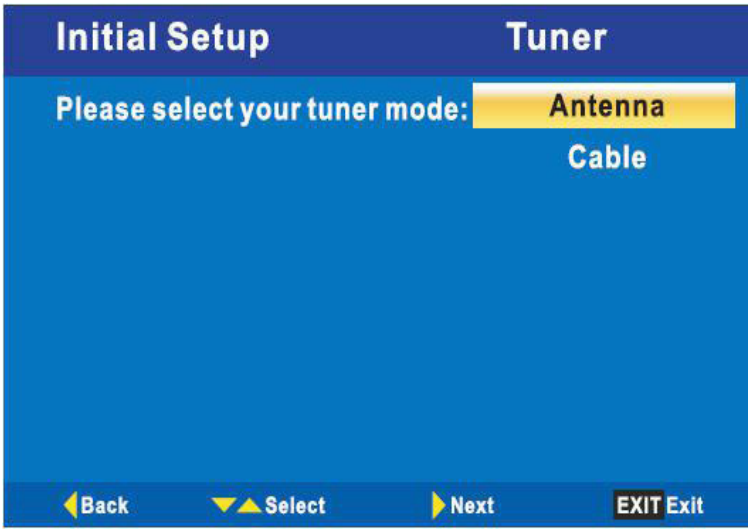
Press **Menu** [OK]. The Initial Setup **Language** window displays.

Scroll using **+ / -** to select a language for your on-screen menu, then press **Select** [Next].

The **Time Zone** window displays.

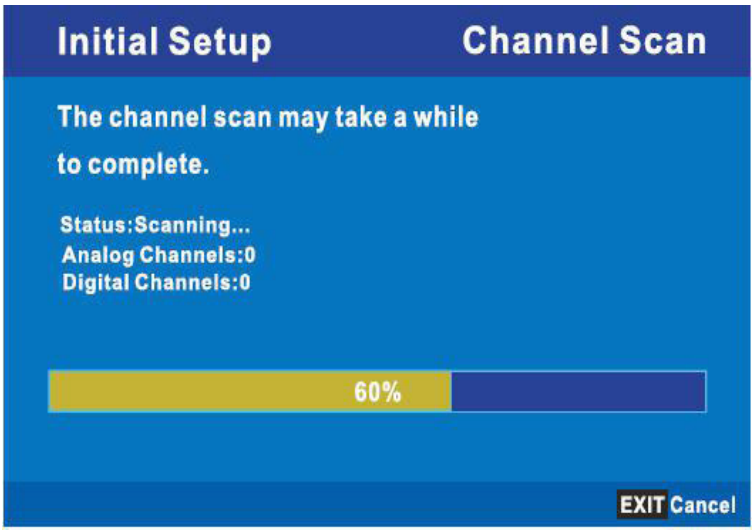
Scroll using **+ / -** to select your time zone, then press **Select** [Next].

The **Tuner** window displays.



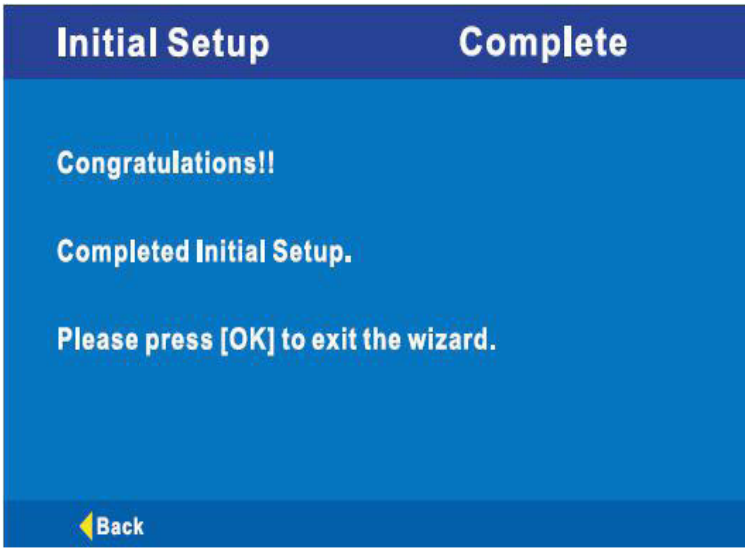
Scroll using **+ / -** to select a video reception mode, then press **Select** [Next].

The **Channel Scan** window displays.



Press **Scan** on your remote. The window shows a progress bar while the TV scans for channels. Channel scanning can take up to 10 minutes.

The Initial Setup Complete window displays when the channel scan is finished.



Press **Menu** [Back] to exit the wizard.

BASIC OPERATIONS

Turning on Your TV On

1. Connect the TV to an electrical outlet using the power cable. The LCD indicator shows red and your TV enters a power on standby mode.
2. Press the power button on the TV unit or the **ON** button on the remote control.

Turning Your TV Off

With your TV on, press the power button on the TV unit or press the **OFF** button on the remote control. Your TV will return to the power on standby mode.

Adjust Your TV Volume

Press Volume ▲▼ to adjust the TV volume up or down.
Press **Mute** to turn the sound off.
Press **Mute** to turn the sound back on again.

Selecting a TV Channel

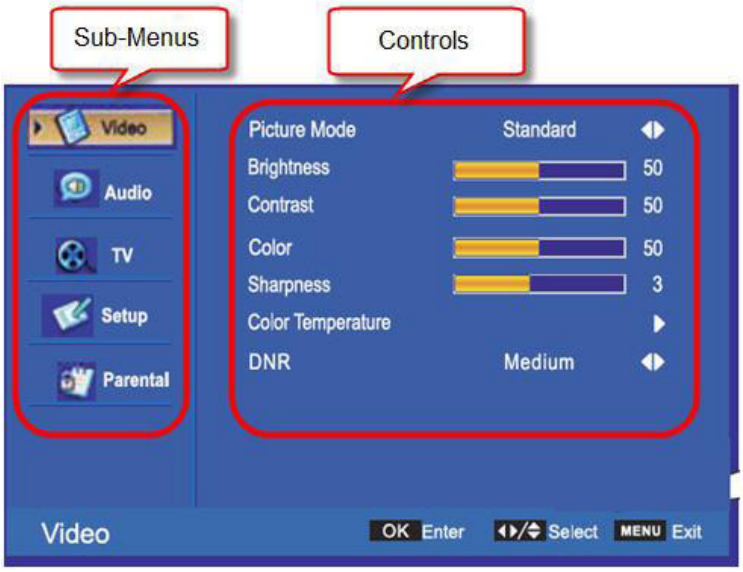
To scroll up or down the list of channels on your TV, use the Channel **+** and **–** buttons.
To enter a channel number, use the 0 to 9 buttons.
To select a 1 digit channel number *(such as channel 5)*: press the 5 button.
To select a 2 digit channel number *(such as 20)*: press the 2 button, then the 0 button.
To select a 3 digit channel number *(such as 103)*: press the 1 button, the 0 button, and then the 3 button.

Selecting Your Input Source

To display a list of input source options, press the **Source** button on the remote control. Input sources toggle in a small window. Choices include TV, AV, S-VIDEO, YPBPR, and VGA.
Press ▲ or ▼ to scroll through the choices. Press **Menu** to select and exit the menu.

NAVAGATING THE ON-SCREEN MENU

Use the remote control to navigate the on-screen menu.
From here you will set up your TVs programmable options and settings.



Press **Menu** to display the on-screen menu.

Press **+** or **–** to scroll up and down the list of sub-menus.

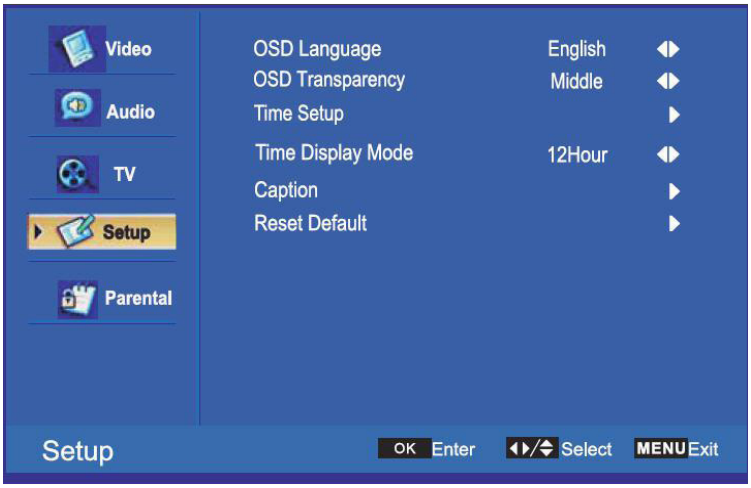
Press **Select** to access the sub-menu controls.

Press ▲ or ▼ to adjust the control settings.

Press **Menu** to exit and save your settings.

Note: Commands in the on-screen menu do not match the button labels on your remote. This document shows remote button names in bold text along with the screen commands. **Select** [OK] means that you should press the **Select** button to initiate the OK function.

SELECTING YOUR ON-SCREEN LANGUAGE



Press **Menu** [OK] to display the on-screen menu.

Press **+** or **–** to scroll and select the Setup sub-menu.

Press Select to access the sub-menu controls.

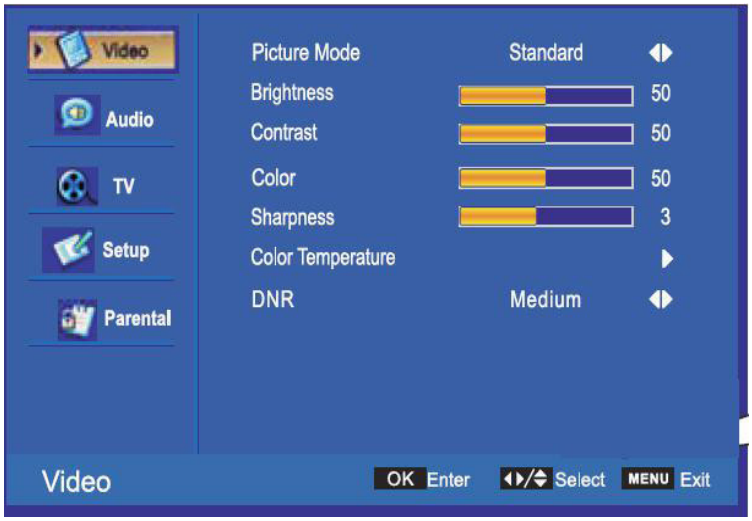
Press ▲ or ▼ to select OSD Language.

Press **+** or **–** to select the language you want.

When you are satisfied with your settings, press **Menu** to select and exit.

OSD Language	Select the Language for Your On-Screen Display.
OSD Transparency	Set the Transparency Value for Your On-Screen Display.
Time Setup	Set the Time Clock for your On-Screen Display.
Time Display Mode	Set the Time Display for a 12 Hour or a 24 Hour Clock.
Caption	Set the Caption Display.
Reset Default	Return all Settings to the Factory Defaults.

VIDEO MENU OPTIONS



Press **Menu** [OK] to display the on-screen menu.

Press **+** or **–** to scroll and select the Video Sub-menu.

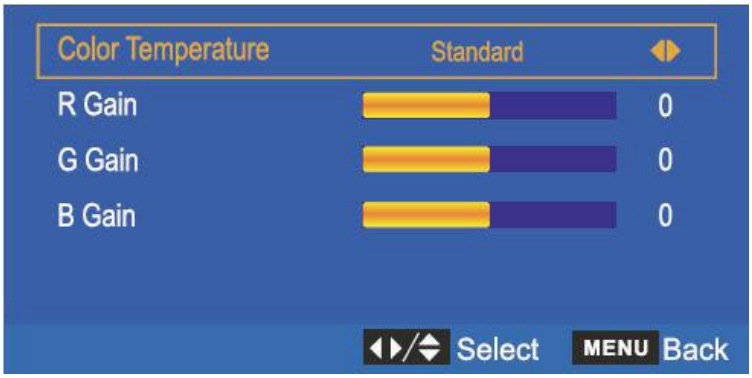
Press **Select** to access the sub-menu.

Press**+** or **–** to scroll and select the sub-menu controls.

Press ▲ or ▼ to adjust the control settings.

When you are satisfied with your settings, press **Menu** to select and exit.

Picture Mode	You can use Preset Modes, or you can customize your own settings by choosing the User Mode.
Brightness	Controls the relative lightness and darkest of your TV image.
Contrast	Controls the difference between the darkest and the lightest areas of your TV image.
Color	Controls the color saturation of your TV image.
Sharpness	Controls the focus of your TV image.
DNR	Controls visual “noise”that appears in video images.
Color Temperature	Controls the warmness or coolness of the colors in your video image. Please Select to view the sub-menu.



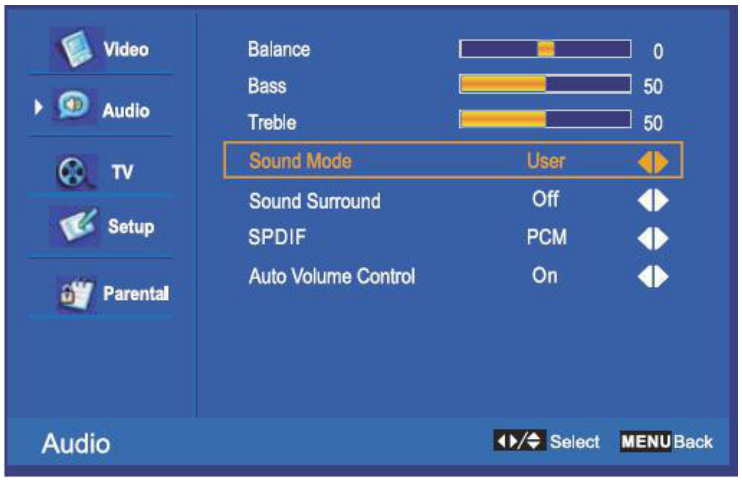
Press **+** or **–** to scroll and select the sub-menu controls.

Press ▲ or ▼ select Cool, Standard, Warm, or User.

To adjust colors individually, press **Select**. Then press **+** or **–** to adjust Red, Green, or Blue gain values.

When you are satisfied with your settings, press **Menu** to select and exit.

AUDIO MENU OPTIONS



Press **Menu** to display the on-screen menu.

Press **+** or **–** to scroll and select the Audio sub-menu.

Press **Select** to access the sub-menu.

Press **+** or **–** to scroll and select the sub-menu controls.

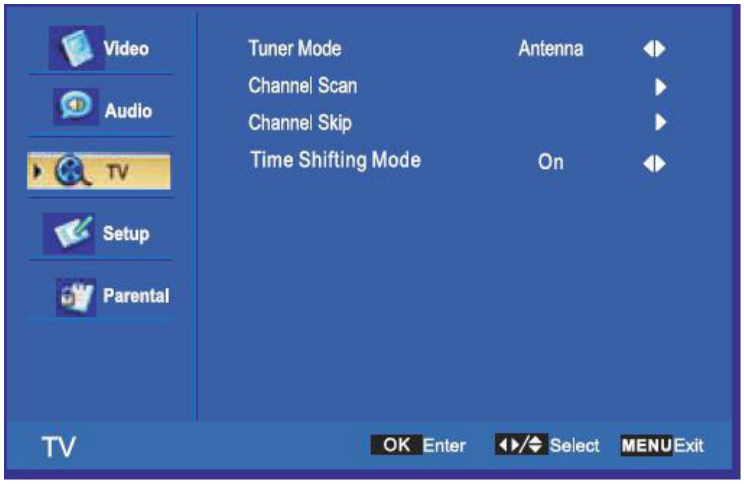
Press ▲ or ▼ to adjust the control settings.

When you are satisfied with your settings, press **Menu** to select and exit.

Balance	Adjust the balance between bass and treble.
Bass	Adjust the level of the lower-pitched sounds.
Treble	Adjust the level of the higher-pitched sounds.
Sound Mode	Select the type of sound that you want for the program you are watching.
Sound Surround	Turn surround sound on or off.
Auto Volume Control	Allows the TV to automatically equalize the volume between high and low channels. Select on or off.

TV MENU OPTIONS

This TV Menu only displays in cases where you are using the TV input.



Press **Menu** [OK] to display the on-screen menu.

Press **+** or **–** to scroll and select the TV sub-menu.

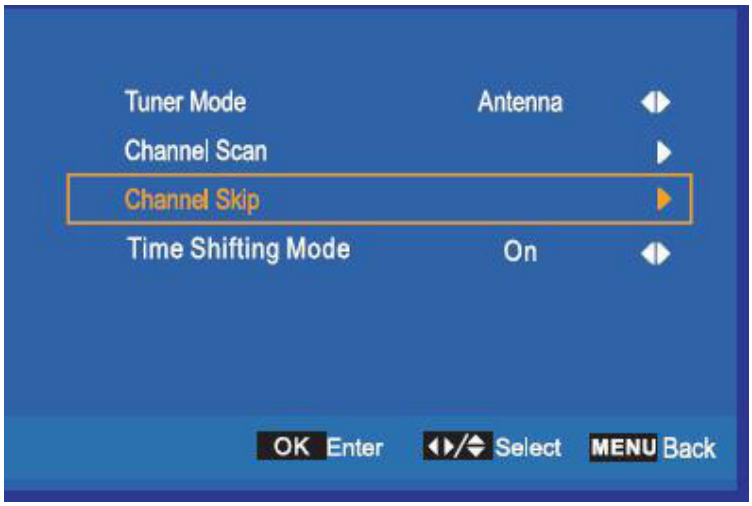
Press **Select** to access the sub-menu.

Press **+** or **–** to scroll and select the sub-menu controls.

Press ▲ or ▼ to adjust the control settings.

When you are satisfied with your settings, press **Menu** to select and exit.

Tuner Mode	Select Antenna or Cable for your signal input mode.
Time Shifting Mode	Press ▲ or ▼ to switch the time shifting mode off or on.
Channel Scan **Warning:** Scanning for all channels wipes out all channels previously scanned into memory.	Press **Select** to scan for channels. A status bar shows the progress of the channel scan. You can wait until the scan is complete or press **Menu** to stop the scan. If you stop in the middle of a scan the channels scanned up to that point will be saved.
Channel Skip	You can program the TV to skip certain channels.



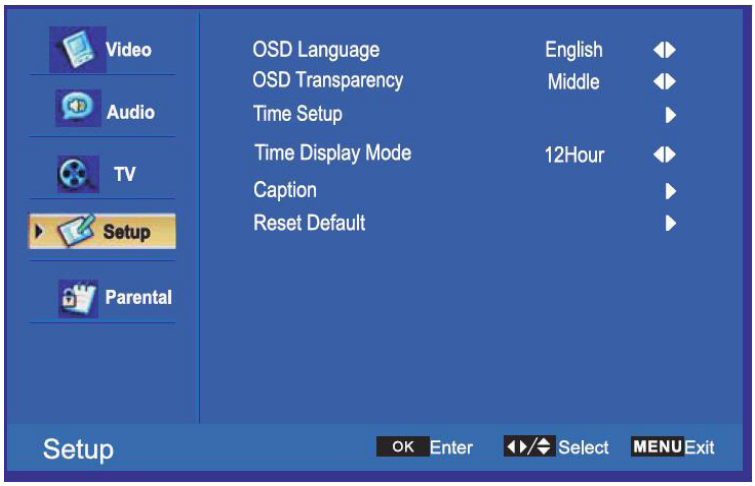
Highlight Channel Skip, then press **Select.**
A list of channels displays.

Press **+** or **–** to scroll up and down the list to highlight channels.

Press **Select** to clear the check box.
Channels with checked boxes are skipped.

To make a channel display on your TV, you must clear its check box.

SETUP MENU OPTIONS



Press **Menu** [OK] to display the on-screen menu.

Press **+** or **–** to scroll and select the Setup sub-menu.

Press **Select** to access the sub-menu.

Press **+** or **–** to scroll and select the sub-menu controls.

Press ▲ or ▼ to adjust the control settings.

When you are satisfied with your settings, press **Menu** to select and exit.

OSD Language	Select the language for your on-screen display.
OSD Transparency	Select the transparency level of your on-screen display.
Time Setup	Press **Select** to display the Time Setup sub-menu. Press **+** or **–** to choose a control.
Time Zone	Scroll to select your time zone.
Time	Press **Select** to display the Time sub-menu. Press **+** or **–** to set the correct time.
Sleep Timer	Press Select to select the sleep timer.
Time Display Mode	Press **+** or **–** to select either 12-hour or 24-hour time display.
Reset Default	Press **Select** to reset your menu settings to their default values. A pop-up displays the "Are You Sure?" message. Press **Select** again to reset your defaults or press **Menu** to exit.
Caption	Press **Select** to display the Caption sub-menu. Press **+** or **–** to choose a control.

Analog Closed Caption	Press ▲ or ▼ to select an analog closed caption filed.
Digital Closed Caption	Press ▲ or ▼ to select a digital closed caption field.
Digital Caption Style	Press **Select** to display the Digital Caption Style sub-menu.

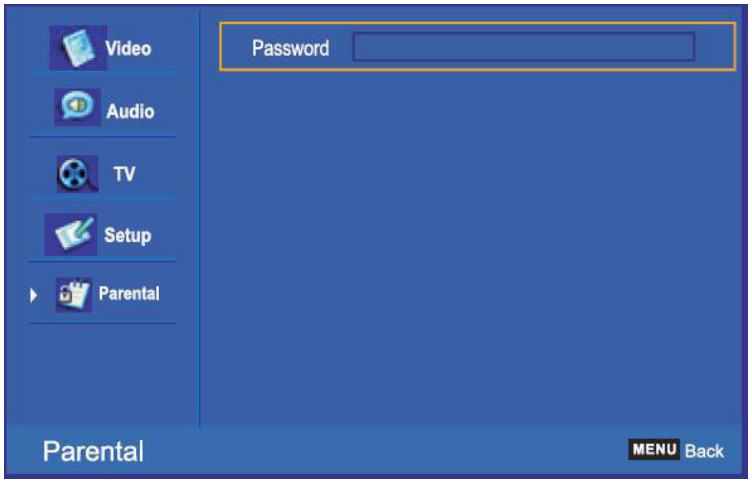
Press **+** or **–** to scroll the font attributes in the sub-menu.

Press ▲ or ▼ to adjust the control settings.

When you are satisfied with your settings, press **Menu** to select and exit.

Caption Style	If you select a broadcaster, the other sub-menu options will be disabled. If you select Custom you can set caption attributes for the fonts, background and window.
Font Size	Press ▲ or ▼ to select Small, Medium, or Large.
Font Color	Press ▲ or ▼ to select Red, Green, Blue, Yellow, Magenta, Cyan, Black or White.
Font Opacity	Press ▲ or ▼ to select Solid/Transparent or Translucent.
Background Color	Press ▲ or ▼ to select Red, Green, Blue, Yellow, Magenta, Cyan, Black or White.
Background Opacity	Press ▲ or ▼ to select Solid/Transparent or Translucent.
Window Color	Press ▲ or ▼ to select Red, Green, Blue, Yellow, Magenta, Cyan, Black or White.

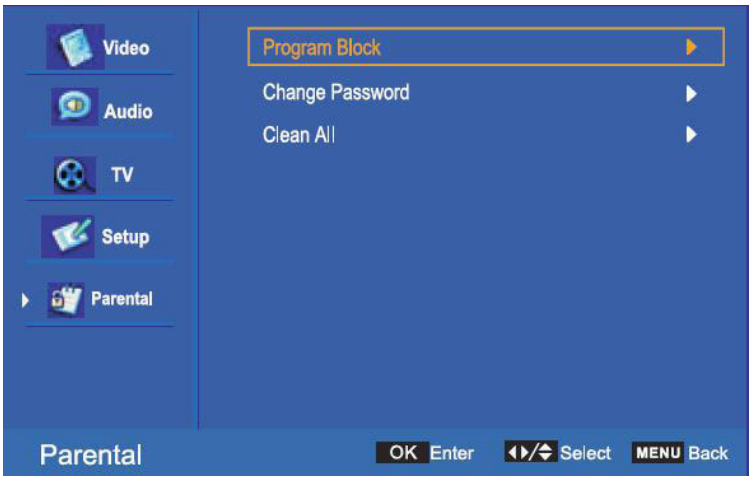
PARENTAL MENU OPTIONS



Press **Menu** [OK] to display the on-screen menu.

Press **+** or **–** to scroll and select the Parental sub-menu.

To access the Parental Menu controls, press **Select.** Then use the remote control number buttons to enter the password. The default password is 2020. The Parental sub-menu displays once the password is entered.



Press **+** or **–** to scroll and select the Parental sub-menu controls.

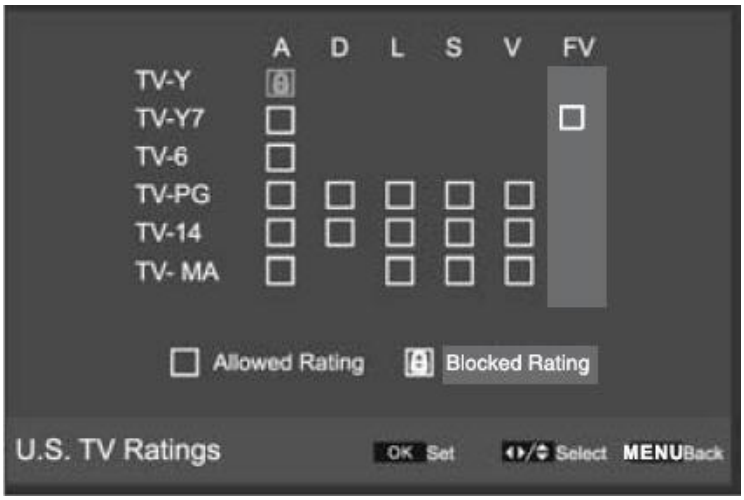
▲ or ▼ to adjust the control settings.

When you are satisfied with your settings, press **Menu** to select and exit.

On Source	Select TV input, HDMI-1, HDM-2, VGA, Component, S-video, AV or TV.
On Channel	If On Source is set to TV, the On Channel option is enabled. Here you can select channels scanned into the TVs memory or any analog channel.
TV Logical Channel Label	Displays the TV channel on the right side of the screen. This option is disabled if the TV Virtual Channel Label option is enabled.
TV Virtual Channel Label	Displays on the left side of the screen when used with Pro-Channel feature. This option is disabled if TV Logical Channel Label option is enabled.
AV Label	Disables the TV label for certain providers. Set label to on or off.
Energy Star Bypass	Used for factory internal testing.
LOGO Configuration	Sets the EM logo to display during the power on cycle.
Clean All	Press **Select**, the screen will display "Are You Sure?" Press **Select** to clear all parental control settings.
Program Block	Press **Select.** Set Rating Enable to On to access and program TV ad movie ratings. Videos with ratings that are enabled can be viewed on the TV. Disabled videos will be blocked.

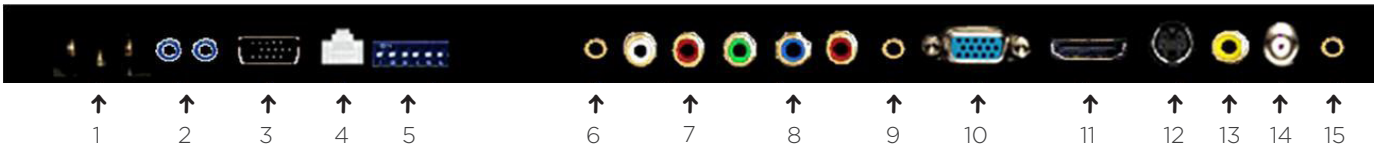
Press **+** or **–** to select a ratings system.

Press **Select** to display the settings for the selected system.



Use the **+ / –** and ▲ ▼ buttons to scroll through the settings. Press **Select** to make a setting.

TELEVISION CONNECTIONS



1	Power Plug (TEC320 C13)
2	Speaker Outputs Left & Right (3.5 mm Mono, 3.5 mm Mono)
3	Data Port (Cloning Option)
4	Bridgeport (RJ 12)
5	Configuration Switch (VOD/IPTV Mode Selection)
6	Line Out (Pre-Amp 3.5 mm Stereo)
7	Audio In (Component, Composite and S-Video RCA Type)
8	Component Video In (YPbPr)
9	SVGA Audio In (3.5 mm Stereo)
10	SVGA Video In (HD 15)
11	HDMI Video & Audio In (HDCP)
12	S-Video In (S-VHS)
13	Video In (Composite)
14	RF Television In (F Connector North America)
15	RS-232 Port (3.5 mm Stereo)

GENESIS + HOSPITALITY TV SPECIFICATIONS

Genesis +Hospitality TV puts control in the hands of the hotel. Channel re-mapping, auto volume limiters, and IPTV compatibility make the Genesis Hospitality TV optimal for all hospitality projects.

INTERACTIVE HOSPITALITY LED TV
NORTH & SOUTH AMERICA
MODELS IM5-156-1A & 1M5-190-1A

PRODUCT HIGHLIGHTS

Hospitality HDTV
Ultra-slim design
IPTV Compatible
LED high bright panel
Genesis™ TV platform
50,000 hour product life
Easy installation and removal
5 Year Limited Warranty (parts and labor)
Ideal amplification to support multiple external speaker options

KEY HOSPITALITY FEATURES

IPTV compatibility
BridgePort – RJ-12 Interactive port with IR pass-through
Hotel logo
Channel re-mapping
Power On channel/input select
Clone™ box capable
+Portal ™ software compatible
Auto volume limiters
Guest and master remote
Programmable protocol
DB15 input
Pro:Idiom MPEG24 H.264 (external option purchased separately
IR control

OPTIONAL ACCESSORIES

+Portal™ software
Clone™ box
Bose™ wall mounted Speakers
Glass Waves™ audio technology
Micros™ integrated state-of-the-art mini-speakers for high quality stereo sound
Hospitality multi-functional wall cover plate

SAFETY/ENVIRONMENTAL

Tested to UL/UL-C 962
CE, CCC and international certifications
LED mercury free environmentally sustainable TV back lighting
IP44 – Designed for humid bathroom environments
FCC compliant
Low-volt versions

VIDEO

HD Ready/FHD – HD
16.7 million colors
LED back light
16:9 true wide screen ratio
50,000 hour panel life
400 cd/m2 brightness

AUDIO
Speaker out (variable) 3.5mm jack
8W/channel L/R Stereo Out
Line level out
L/R Stereo input

FEATURES
Caption (subtitle) – CC, CC2, TI
OSD Language – English, French, Spanish

INPUT & OUTPUT CONNECTIONS
S-Video (shared audio)
HDMI (independent audio)
RF input
Component (Y/Pb/Pr)
Composite (AV) (shared audio)
IR wired remote input

STANDARD ACCESSORIES
Waterproof remote
Installation manual
Power cord

MOUNTING
Quick install and replacement mounting system
8mm screws (6)

POWER
AC Power Slide – AC 110-120V 60Hz
DC Power Slide – 12V (20') with 5V set top box or clock support

NOTICES
Some features are dependent upon broadcasting of information by local off-air and cable TV channels
Specifications are subject to change without notice
HDMI, the HDMI logo, and High Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC ELECTRIC MIRROR is a registered trademark all rights reserved

+PORTAL SOFTWARE AND CLONE BOX

+PORTAL software gives the hotel control over the channel line-up, start-up volume, auto volume limiters, and welcome message. Once settings are chosen from the computer, they are copied to the Electric Mirror Clone Box via USB cable.

From the Clone Box, hotel personnel can clone the settings determined in +PORTAL to the Genesis +Hospitality TVs. With Electric Mirror's new hospitality TV technology, it's really that easy to customize your bathroom mirror TV setup.

GENESIS TV PLATFORM
EM's universal TV platform that provides both low voltage and high voltage removable power supply and LED panel upgrades

IPTV COMPATIBILITY
Seamless integration with major IPTV providers: VDA, NXTV, Guestteck, Enseo, Locatel, Quadrigia and other providers.

HOTEL LOGO/WELCOME MESSAGE
To provide your guests with a constant, yet subtle, reminder of your property our TV has the ability to display your logo on the screen. The logos can be uploaded with the Clone™ box.

CHANNEL RE-MAPPING
Eliminate confusion and give your hotel guests the same channel line-up in the bathroom that they have in the guestroom. This convenient feature gives you the flexibility to change the digital channel from a minor to a major broadcast one. You can even add your A/V devices to your channel listing.

POWER ON CHANNEL/INPUT SELECT
Start the guest on your in-house channel to feature your hotel's latest amenities or start them on the input channel of your choice.

CLONE BOX CAPABLE
To help you work more efficiently, the innovative EM Clone™ box allows you to easily customize and then copy the settings onto all of your TVs, instead of doing this individually. That includes hotel logos, picture size, IPTV protocols, audio limiting, start up channel, and channel mapping.

PORTAL SOFTWARE CAPABLE
+Portal, EM's TV configuration software puts the hotel in control of all mirror TV settings. This includes channel mapping, channel start-up, welcome message, volume start-up and more.

AUTO VOLUME LIMITERS
During initial product set-up, minimum and maximum volume levels can be locked to help minimize disturbance to other hotel guests.

PRO:IDIOM READY
Pro:Idiom ready for external communication to support MPEG4 H.264 Pro:Idiom set top box

GUEST AND MASTER REMOTE
Simplified guest remote for easy operation and to restrict guest access. Master remote for engineering set up.

EM PROTOCOL
EM developed protocol for seamless communications with IPTV providers.

DB15 PORT
DB15 port allows protocol and firmware updates as technology changes or new IPTV providers are implemented.

IR CONTROL
Communication port for basic IR control needs.

THERE'S ONLY ONE™
ELECTRIC MIRROR®

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